

**CIRCUIT ARRANGEMENT FOR CONNECTING TRUNK LINES VIA PCM  
CIRCUITS WITH AN EXCHANGE-INTERNAL SWITCHING NETWORK, FOR  
USE IN A SWITCHING-ORIENTED SYSTEM**

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ABSTRACT

The invention relates to a circuit arrangement for connecting several trunk lines via PCM circuits to an exchange-internal switching network, for use in a switching-oriented system, preferably in an electronic data switching system, with at least two line and trunk groups, that form a redundancy pair and have at least one cross-connection, with each line and trunk group having at least one central controller, at least one interface to the exchange-internal switching network, a line circuit area for the PCM circuits and at least one transformer/framer for synchronization for each PCM circuit, with the switching arrangement being configured in such a way that a fault occurring in the circuit arrangement affects only a maximum of two PCM circuits.

The invention is characterized in that switching elements, that directly and asynchronously select the PCM circuits individually and one of the two central controllers optionally, are positioned before the transformers/framers.

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